CLAIMS

What is claimed is:

1. A method for integrating Six Sigma into an inspection receiving process of outsourced products, comprising:

defining specification limits for product acceptance criteria;

identifying and reporting a substandard product to authorized personnel for disposition via a MES (manufacturing execution system) and SCADA (supervisory control and data acquisition);

preparing a report containing historical data, identifying root cause and assigning a corrective action;

segregating said substandard product, and documenting said substandard product in said MES;

disposing said substandard product;

documenting and recording said corrective action in said MES; and

outlining a method of recovery and eliminating a non-conforming incoming product.

2. The method of claim 1, wherein said specification limits comprise engineering specifications.

3. The method of claim 1, wherein said disposing said substandard product comprises one of reworking said substandard product, accepting said substandard product without repair, scrapping said substandard product, and returning said substandard product.

4. The method of claim 1, wherein said eliminating a non-conforming incoming

product is performed based on tracking previously rejected products via SPC (Statistical Process Control).

5. The method of claim 1, wherein said historical data comprises a Pareto analysis.

6. The method of claim 1, wherein said assigning a corrective action is performed via OLBS (On Line Business Systems/Services).

7. The method of claim 1, wherein said substandard product is a substandard subassembly.

8. The method of claim 1, wherein said substandard product is a substandard part.

9. The method of claim 1, wherein said substandard product is a substandard material.

10. The method of claim 1, further comprising sending out said report via real-time SCADA so that there is no delay and time lag while awaiting disposition.

11. The method of claim 1, further comprising monitoring timeline for events via self-alarming function and said MES so that there is no breakdown in continuity of said disposing process.

12. The method of claim 1, further comprising automatically recording and sending charge backs to a vendor via SCADA.

13. The method of claim 1, wherein said corrective action is CLCA (Closed Loop Corrective Action).

14. A computer-readable medium having computer-executable instructions for performing a method for integrating Six Sigma into an inspection receiving process of outsourced products, said method comprising:

defining specification limits for product acceptance criteria;

identifying and reporting a substandard product to authorized personnel for disposition via a MES (manufacturing execution system) and SCADA (supervisory control and data acquisition);

preparing a report containing historical data, identifying root cause and assigning a corrective action;

segregating said substandard product, and documenting said substandard product in said MES;

disposing said substandard product;

documenting and recording said corrective action in said MES; and

outlining a method of recovery and eliminating a non-conforming incoming product.

15. The computer-readable medium of claim 14, wherein said specification limits comprise engineering specifications.

16. The computer-readable medium of claim 14, wherein said disposing said substandard product comprises one of reworking said substandard product, accepting said substandard product without repair, scrapping said substandard product, and returning said substandard product.

17. The computer-readable medium of claim 14, wherein said eliminating a non-conforming incoming product is performed based on tracking previously rejected products via SPC (Statistical Process Control).

18. The computer-readable medium of claim 14, wherein said historical data comprises a Pareto analysis.

19. The computer-readable medium of claim 14, wherein said assigning a corrective action is performed via OLBS (On Line Business Systems/Services).

20. The computer-readable medium of claim 14, wherein said substandard product is a substandard subassembly.

21. The computer-readable medium of claim 14, wherein said substandard product is a substandard part.

22. The computer-readable medium of claim 14, wherein said substandard product is a substandard material.

23. The computer-readable medium of claim 14, wherein said method further comprising sending out said report via real-time SCADA so that there is no delay and time lag while awaiting disposition.

24. The computer-readable medium of claim 14, wherein said method further comprising monitoring timeline for events via self-alarming function and said MES so that there is no breakdown in continuity of said disposing process.

25. The computer-readable medium of claim 14, wherein said method further comprising automatically recording and sending charge backs to a vendor via SCADA.

26. The computer-readable medium of claim 14, wherein said corrective action is

CLCA (Closed Loop Corrective Action).

27. An apparatus for integrating Six Sigma into an inspection receiving process of outsourced products, comprising:

means for defining specification limits for product acceptance criteria;

means for identifying and reporting a substandard product to authorized personnel for disposition via a MES (manufacturing execution system) and SCADA (supervisory control and data acquisition);

means for preparing a report containing historical data, identifying root cause and assigning a corrective action;

means for segregating said substandard product and documenting said substandard product in said MES;

means for disposing said substandard product;

means for documenting and recording said corrective action in said MES; and

means for outlining a method of recovery and eliminating a non-conforming incoming product.